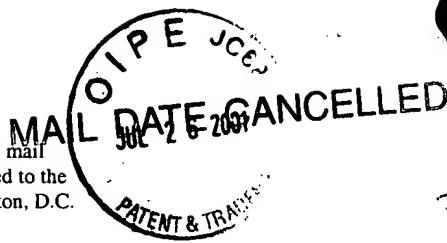


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Assistant Commissioner of Patents, Washington, D.C.
20231, on July 25, 2001



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Pre B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Brad Bosworth & Peter Vögeli)
Serial No.: 09/844,268) Examiner: N/A
Attorney Docket No. 21419/91513)
Filing Date: April 27, 2001) Art Unit: N/A
Title: COMPOSITIONS TO IDENTIFY SWINE)
GENETICALLY RESISTANT TO F18 *E. COLI*)
ASSOCIATED DISEASES)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
BOX MISSING PARTS
Washington, D.C. 20231

Dear Sir:

The following Preliminary Amendment is being submitted in order to comply with 37 C.F.R. §§ 1.821-1.825 in regard to the above-captioned patent application filed on April 27, 1999. Please enter the following before examination. A Marked-Up Version and Clean Copy of the Specification and drawings are enclosed.

In the Specification:

On page 9, line 5, insert -- (SEQ ID NO:1)-- before "and"

On page 9, line 5, insert -- (SEQ ID NO:2)-- before "preferred"

On page 14, Table 1, first primer, insert -- (SEQ ID NO:3)-- before "+489"

On page 14, Table 1, second primer, insert -- (SEQ ID NO:4)-- before "+720"

On page 14, Table 1, third primer, insert -- (SEQ ID NO:5)-- before "+1082"

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EL496395728US to: Assistant Commissioner for
Patents, Washington, D.C. 20231 on February 22, 2000



Attorney Docket No. 21419/90368

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Bosworth *et al.*)
Serial No. 09/443,766)
Attorney Docket No. 21419/90368) Group No. 1643
JUL 25 2001
Filing Date: November 19, 1999)
Title: METHODS AND COMPOSITIONS TO)
IDENTIFY SWINE GENETICALLY RESISTANT)
TO F.18 E.COLI ASSOCIATED DISEASES)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Box Sequence Listing
Washington, D.C. 20231

Dear Sir:

The following Preliminary Amendment is being submitted in order to comply with 37 C.F.R.
§§ 1.821-1.825 in regard to the above-captioned patent application filed on November 19, 1999
Please enter the following before examination.

In the Specification:

On page 11, line 11, insert -- (SEQ ID NO:1)-- before "and"

On page 11, line 12, insert -- (SEQ ID NO:2)-- before "preferred"

On page 18, Table 1, first primer, insert -- (SEQ ID NO:3)-- before "+489"